



Attorney/Docket No. 25791.119.03

Customer No. 000027683

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Shuster, et al.

§ Attorney Docket No.: 25791.119.03

Appl. No. 10/525332

§
§ Group Art Unit: 3672

Filed: February 23, 2005

§
§ Examiner: Unknown

For: MAGNETIC IMPULSE APPLIED SLEEVE METHOD OF FORMING A WELLBORE CASING

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 CFR §1.56, and in accordance with the practice under 37 CFR §1.97 and §1.98, the Examiner's attention is directed to the documents listed on the enclosed modified Form PTO-1449. No inference should be made that the cited references are in fact material, are in fact prior art, or that no better art exists. The cited patents are listed in numerical order and are not in any order based on their pertinence.

Pursuant to the amendment to 37 CFR 1.98 (a)(2)(i), as stated in an OG Notice dated October 12, 2004, copies of the U.S. patent documents listed on the enclosed modified Form PTO-1449 are not attached.

This Information Disclosure Statement is being filed within three months of the United States filing date or before the mailing date of a first Office Action on the merits. No certification or fee is required (37 CFR §1.97(b)). The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account 08-1394.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Respectfully submitted,

Todd Mattingly
Registration No. 40298

Date: 9/2/05
HAYNES AND BOONE, LLP
901 Main Street, Suite 3100
Dallas, Texas 75202-3789
Telephone: 713-547-2301
Facsimile: 214-200-0853
File: 25791.119.03
IDS Box 2

In place of U. S. DEPARTMENT OF COMMERCE
PTO-1449 Form PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number 10/525332
Filing Date February 23, 2005
Applicant(s) Shuster, et al.
Art Unit Unknown
Examiner Name Unknown
Attorney Docket Number 25791.119.03

SHEET 1 OF 4

SEP 07 2005

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document (Country Code - Number - Kind)	Publication Date MM-DD-YYYY	Patentee or Applicant of Cited Document	Translation Y/N
	B1	0,084,940 A1	08-03-1983	EPO	No
	B2	0,272,511	12-03-1987	EPO	No
	B3	0,294,264	05-19-1988	EPO	No
	B4	0,553,566 A1	12-23-1992	EPO	No
	B5	0,633,391A2	01-11-1995	EPO	No
	B6	0,713,953B1	11-20-1995	EPO	No
	B7	0,823,534	02-11-1998	EPO	No
	B8	0,881,354	12-02-1998	EPO	No
	B9	0,881,359	12-02-1998	EPO	Yes
	B10	0,899,420	03-03-1999	EPO	NO
	B11	0,937,861	08-25-1999	EPO	NO
	B12	0,952,305	10-27-1999	EPO	NO
	B13	0,952,306	10-27-1999	EPO	NO
	B14	1,141,515A		EPO	No
	B15	1,152,120 A2	11-7-2001	EPO	NO
	B16	1,152,120 A3	11-7-2001	EPO	No
	B17	1,235,972 A		EPO	No
	B18	WO00/01926	01-13-2000	PCT-EP	No
	B19	WO00/04271	01-27-2000	PCT-US	No
	B20	WO00/08301	02-17-2000	PCT-GB	No
	B21	WO00/26500	05-11-2000	PCT-EP	No
	B22	WO00/26501	05-11-2000	PCT-EP	No
	B23	WO00/26502	05-11-2000	PCT-GB	No
	B24	WO00/31375	06-02-2000	PCT-IB	No
	B25	WO00/37766	06-29-2000	PCT-GB	No
	B26	WO00/37767	06-29-2000	PCT-GB	No
	B27	WO00/37768	06-29-2000	PCT-GB	No
	B28	WO00/37771	06-29-2000	PCT-GB	No
	B29	WO00/37772	06-29-2000	PCT-GB	No
	B30	WO00/39432	07-06-2000	PCT-NL	No
	B31	WO00/46484	08-10-2000	PCT-EP	No
	B32	WO00/50727	08-31-2000	PCT	No
	B33	WO00/50732	08-31-2000	PCT-US	No
	B34	WO00/50733	08-31-2000	PCT-US	No
	B35	WO00/77431A2	12-21-2000	PCT-IL	No
	B36	WO01/04520 A1	01-18-2001	PCT-US	No
	B37	WO01/04535 A1	01-18-2001	PCT-US	No
	B38	WO01/18354 A1	03-15-2001	PCT-GB	No
	B39	WO01/21929A1	03-29-2001	PCT-NL	No
	B40	WO01/26860 A1	04-19-2001	PCT-US	No
	B41	WO01/33037 A1	05-10-2001	PCT-US	No
	B42	WO01/38693 A1	05-31-2001	PCT-EP	No
	B43	WO01/60545 A1	08-23-2001	PCT-US	No
	B44	WO01/83943 A1	11-08-2001	PCT-EP	No
	B45	WO01/98623 A1	12-27-2001	PCT-US	No
	B46	WO02/01102 A1	01-03-2002	PCT-FR	No

OTHER PRIOR ART

Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item, date, page(s), volume-issue number(s), publisher, city/country where published
	C1	Halliburton Energy Services, "HALLIBURTON COMPLETION PRODUCTS" 1996, Page Packers 5-37, United States of America
	C2	Turcotte and Schubert, Geodynamics (1982) John Wiley & Sons, Inc., pp 9, 432.
	C3	Baker Hughes Incorporated, "EXPatch Expandable Cladding System" (2002)
	C4	Baker Hughes Incorporated, "EXPRESS Expandable Screen System"
	C5	High-Tech Wells, "World's First Completion Set Inside Expandable Screen" (2003) Gilmer, J.M., Emerson, A.B.
	C6	Baker Hughes Incorporated, "Technical Overview Production Enhancement Technology" (03-10-2003) Geir Owe Egge
	C7	Baker Hughes Incorporated, "FORMlock Expandable Liner Hangers"
	C8	Weatherford Completion Systems, "Expandable Sand Screens" (2002)
	C9	Expandable Tubular Technology, "EIS Expandable Isolation Sleeve" (Feb. 2003)
	C10	Oilfield Catalog; "Jet-Lok Product Application Description" (08/08/2003)
	C11	Power Ultrasonics, "Design and Optimisation of an Ultrasonic Die System For Form" Chris Cheers (1999, 2000)
	C12	Research Area - Sheet Metal Forming - Superposition of Vibra; Fraunhofer IWU (2001)
	C13	Research Projects;" Analysis of Metal Sheet Formability and It's Factors of Influence" Prof. Dorel Banabic (2003)
	C14	www.materialsresources.com, "Low Temperature Bonding of Dissimilar and Hard-to-Bond Materials and Metal-Including.." (2004)
	C15	www.tribtech.com. "Trib-gel A Chemical Cold Welding Agent" G R Linzell (Sept. 14, 1999)
	C16	www.spurind.com, "Galvanic Protection, Metallurgical Bonds, Custom Fabrication – Spur Industries" (2000)
	C17	Lubrication Engineering, "Effect of Micro-Surface Texturing on Breakaway Torque and Blister Formation on Carbon-Graphite Faces in a Mechanical Seal" Philip Guichelaar, Karalyn Folkert, Izhak Etsion, Steven Pride (August 2002)
	C18	Surface Technologies Inc., "Improving Tribological Performance of Mechanical Seals by Laser Surface Texturing" Izhak Etsion
	C19	Tribology Transactions "Experimental Investigation of Laser Surface Texturing for Reciprocating Automotive Components" G Ryk, Y Klingerman and I Etsion (2002)
	C20	Proceeding of the International Tribology Conference, "Microtexturing of Functional Surfaces for Improving Their Tribological Performance" Henry Haefke, Yvonne Gerbig, Gabriel Dumitru and Valerio Romano (2002)
	C21	Sealing Technology, "A laser surface textured hydrostatic mechanical seal" Izhak Etsion and Gregory Halperin (March 2003)
	C22	Metallforming Online, "Advanced Laser Texturing Tames Tough Tasks" Harvey Arbuckle
	C23	Tribology Transactions, "A Laser Surface Textured Parallel Thrust Bearing" V. Brizmer, Y. Klingerman and I. Etsion (March 2003)
	C24	PT Design, "Scratching the Surface" Todd E. Lizotte (June 1999)
	C25	Tribology Transactions, "Friction-Reducing Surface-Texturing in Reciprocating Automotive Components" Aviram Ronen, and Izhak Etsion (2001)
	C26	Michigan Metrology "3D Surface Finish Roughness Texture Wear WYKO Veeco" C.A. Brown, PHD; Charles, W.A. Johnsen, S. Chester
	C27	Letter From Baker Oil Tools to William Norvell in Regards to Enventure's Claims of Baker Infringement Of Enventure's Expandable Patents April 1, 2005
	C28	Offshore, "Agbada Well Solid Tubulars Expanded Bottom Up, Screens Expanded Top Down" William Furlow, January 2002.(copy not available)
	C29	Drilling Contractor, "Solid Expandable Tubulars are Enabling Technology" March/April 2001 .(copy not available)
	C30	Hart's E & P, "SET Technology: Setting the Standard" March 2002 .
	C31	Hart's E & P, "An Expanded Horizon" Jim Brock, Lev Ring, Scott Costa, Andrei Filippov. February 2000
	C32	Hart's E & P, "Technology Strategy Breeds Value" Ali Daneshy. May 2004
	C33	Hart's E & P, "Solid Expandable Tubulars Slimwell: Stepping Stone to MonoDiameter" June 2003.
	C34	Innovators Chart the Course, Shell Exploration & Production
	C35	"Case Study: Value in Drilling Derived From Application-Specific Technology" Langley, Diane., October 2004.
	C36	L'Usine Nouvelle, "Les Tubes Expansibles Changent La Face Du Forage Pétrolier" Demoulin, Laurence, No. 2878 . pp 50-52, 3 Juillet 2003.
	C37	Offshore, "Monodiameter Technology Keeps Hole Diameter to TD", Hull, Jennifer., October 2002.
	C38	News Release, "Shell and Halliburton Agree to Form Company to Develop and Market Expandable Casing Technology", 1998.
	C39	Offshore, "Expandable Tubulars Enable Multilaterals Without Compromise on Hole Size," DeMong, Karl, et al., June 2003.
	C40	Offshore Engineer, "From Exotic to Routine- the offshore quick-step" April 2004, pp 77-83
	C41	Offshore, "Expandable Solid Casing Reduces Telescope Effect," Furlow, William, August 1998, pp. 102 & 140.
	C42	Offshore, "Casing Expansion, Test Process Fine Tuned on Ultra-deepwater Well," Furlow, William, December 2000.
	C43	Offshore Engineer, "Oilfield Service Trio Target Jules Verne Territory," Von Flater, Rick., August 2001

C44	Offshore, "Expandable Casing Program Helps Operator Hit TD With Larger Tubulars" Furlow, William, January 2000.
C45	Offshore, "Same Internal Casing Diameter From Surface to TD", Cook, Lance., July 2002.
C46	Oil and Gas Investor, "Straightening the Drilling Curve," Williams, Peggy. January 2003.
C47	Petroleum Engineer International, "Expandable Casing Accesses Remote Reservoirs" April 1999.
C48	New Technology Magazine, "Pipe Dream Reality," Smith, Maurice, December 2003.
C49	Roustabout, "First ever SET Workshop Held in Aberdeen," October 2004
C50	Roustabout, "Enventure Ready to Rejuvenate the North Sea" September 2004
C51	EP Journal of Technology, "Solid Expandable Tubulars (SET) Provide Value to Operators Worldwide in a Variety of Applications," Fonlova, Rick, April 2005
C52	The American Oil & Gas Reporter, "Advances Grow Expandable Applications," Bullock, Michael D., September 2004.
C53	Upstream, "Expandable Tubulars Close in on the Holy Grail of Drilling", Cottrill, Adrian, July 26, 2002.
C54	Oil and Gas, "Shell Drills World's First Monodiameter Well in South Texas" Sumrow, Mike., October 21, 2002.
C55	World Oil, "Expandables and the Dream of the Monodiameter Well: A Status Report", Fischer, Perry, July 2004.
C56	World Oil, "Well Remediation Using Expandable Cased-Hole Liners", Merritt, Randy et al., July 2002.
C57	World Oil, "How in Situ Expansion Affects Casing and Tubing Properties", Mack, R.D., et al., July 1999. pgs 69-71.
C58	Enventure Global Technology "Expandable Tubular Technology – Drill Deeper, Farther, More Economically" Mark Rivenbark. EGT10171
C59	Society of Petroleum Engineers, "Addressing Common Drilling Challenges Using Solid Expandable Tubular Technology" Perez-Roca, Eduardo, et al., 2003.
C60	Society of Petroleum Engineers, "Monodiameter Drilling Liner – From Concept to Reality" Dean, Bill, et al. 2003.
C61	Offshore Technology Conference, "Expandable Liner Hangers: Case Histories" Moore, Melvin, J., et al., 2002.
C62	Offshore Technology Conference, "Deepwater Expandable Openhole Liner Case Histories: Learnings Through Field Applications" Grant, Thomas P., et al., 2002.
C63	Offshore Technology Conference, "Realization of the MonoDiameter Well: Evolution of a Game-Changing Technology" Dupal, Kenneth, et al., 2002.
C64	Offshore Technology Conference, "Water Production Reduced Using Solid Expandable Tubular Technology to "Clad" in Fractured Carbonate Formation" van Noort, Roger, et al., 2003.
C65	Offshore Technology Conference, "Overcoming Well Control Challenges with Solid Expandable Tubular Technology" Patin, Michael, et al., 2003.
C66	Offshore Technology Conference, "Expandable Cased-hole Liner Remediate Prolific Gas Well and Minimizes Loss of Production" Buckler Bill, et al., 2002.
C67	Offshore Technology Conference, "Development and Field Testing of Solid Expandable Corrosion Resistant Cased-hole Liners to Boost Gas Production in Corrosive Environments" Siemers Gertjan, et al., 2003.
C68	"Practices for Providing Zonal Isolation in Conjunction with Expandable Casing Jobs-Case Histories" Sanders, T, et al. 2003.
C69	Society of Petroleum Engineers, "Increasing Solid Expandable Tubular Technology Reliability in a Myriad of Downhole Environments", Escobar, C. et al., 2003.
C70	Society of Petroleum Engineers, "Water Production Management – PDO's Successful Application of Expandable Technology", Braas, JCM., et al., 2002.
C71	Society of Petroleum Engineers, "Expandable Tubular Solutions", Filippov, Andrei, et al., 1999.
C72	Society of Petroleum Engineers, "Expandable Liner Hanger Provides Cost-Effective Alternative Solution" Lohoefer, C. Lee, et al., 2000.
C73	Society of Petroleum Engineers, "Solid Expandable Tubular Technology – A Year of Case Histories in the Drilling Environment" Dupal, Kenneth, et al., 2001.
C74	"In-Situ Expansion of Casing and Tubing" Mack, Robert et al.
C75	Society of Petroleum Engineers, "Expandable Tubulars: Field Examples of Application in Well Construction and Remediation" Diagle, Chan, et al., 2000.
C76	AADE Houston Chapter, "Subsidence Remediation – Extending Well Life Through the Use of Solid Expandable Casing Systems" Shepherd, David, et al., March 2001 Conference.
C77	Society of Petroleum Engineers, "Planning the Well Construction Process for the Use of Solid Expandable Casing" DeMong, Karl, et al., 2003.
C78	Enventure Global Technology, "The Development and Applications of Solid Expandable Tubular Technology" Cales, GL., 2003.
C79	Society of Petroleum Engineers, "Installation of Solid Expandable Tubular Systems Through Milled Casing Windows" Waddell, Kevin, et al., 2004.
C80	Society of Petroleum Engineers, "Solid Expandable Tubular Technology in Mature Basins" Blasingame, Kate, et al., 2003.
C81	"Casing Design in Complex Wells: The Use of Expandables and Multilateral Technology to Attack the size Reduction Issue" DeMong, Karl., et al.
C82	"Well Remediation Using Expandable Cased-Hole Liners- Summary of Case Histories" Merritt, Randy, et al.
C83	Offshore Technology Conference, "Transforming Conventional Wells to Bigbore Completions Using Solid Expandable Tubular Technology" Mohd Nor, Norlizah, et al., 2002.
C84	Society of Petroleum Engineers, "Using Solid Expandable Tubulars for Openhole Water Shutoff" van Noort, Roger, et al., 2002.

C85	Society of Petroleum Engineers, "Case Histories- Drilling and Recompletion Applications Using Solid Expandable Tubular Technology" Campo, Don, et al., 2002.
C86	Society of Petroleum Engineers, "Reaching Deep Reservoir Targets Using Solid Expandable Tubulars" Gusevik Rune, et al., 2002.
C87	Society of Petroleum Engineers, "Breakthroughs Using Solid Expandable Tubulars to Construct Extended Reach Wells" Demong, Karl, et al., 2004.
C88	Deep Offshore Technology Conference "Meeting Economic Challenges of Deepwater Drilling with Expandable-Tubular Technology" Haut, Richard, et al., 1999.
C89	Offshore Technology Conference, "Field Trial Proves Upgrades to Solid Expandable Tubulars" Moore, Melvin, et al., 2002.
C90	"Well Design with Expandable Tubulars Reduces Cost and Increases Success in Deepwater Applications" Dupal, Ken, et al., Deep Shore Technology 2000.
C91	Offshore Technology Conference, "Reducing Non-Productive Time Through the Use of Solid Expandable Tubulars: How to Beat the Curve Through Pre-Planning" Cales, Gerry, et al., 2004.
C92	Offshore Technology Conference, "Three Diverse Applications on Three Continents for a Single Major Operator" Sanders, Tom, et al., 2004.
C93	Offshore Technology Conference, "Expanding Oil Field Tubulars Through a Window Demonstrates Value and Provides New Well Construction Option" Sparling, Steven, et al., 2004.
C94	Society of Petroleum Engineers, "Advances in Single-diameter Well Technology: The Next Step to Cost-Effective Optimization" Waddell, Kevin, et al., 2004.
C95	Society of Petroleum Engineers, "New Technologies Combine to Reduce Drilling Cost in Ultradeepwater Applications" Touboul, Nicolas, et al., 2004.
C96	Society of Petroleum Engineers, "Solid Expandable Tubular Technology: The Value of Planned Installation vs. Contingency" Rivenbark, Mark, et al., 2004.
C97	Society of Petroleum Engineers, "Changing Safety Paradigms in the Oil and Gas Industry" Ratilff, Matt, et al., 2004.
C98	"Casing Remediation- Extending Well Life Through The Use of Solid Expandable Casing Systems" Merritt, Randy, et al.
C99	Society of Petroleum Engineers, "Window Exit Sidetrack Enhancements Through the Use of Solid Expandable Casing", Rivenbark, Mark, et al., 2004.
C100	"Solid Expandable Tubular Technology: The Value of Planned Installations vs. Contingency", Carstens, Chris, et al.
C101	Data Sheet, "Enventure Cased-Hole Liner (CHL) System" Enventure Global Technology, 12/02
C102	Case History, "Graham Ranch No. 1 Newark East Barnett Field" Enventure Global Technology, 02/02
C103	Case History, "K.K. Camel No.1 Ridge Field Lafayette Parish, Louisiana" Enventure Global Technology, 02/02
C104	Case History, "Eemskanaal -2 Groningen" Enventure Global Technology, 02/02
C105	Case History, "Yibal 381 Oman" Enventure Global Technology, 02/02
C106	Case History, "Mississippi Canyon 809 URSA TLP, OSC-G 5868, No. A-12" Enventure Global Technology, 03/04
C107	Case History, "Unocal Sequoia Mississippi Canyon 941 Well No. 2" Enventure Global Technology, 2005
C108	"SET Technology: The Facts" Enventure Global Technology, 2004
C109	Data Sheet, "Enventure Openhole Liner (OHL) System" Enventure Global Technology, 12/02
C110	Data Sheet, "Window Exit Applications OHL Window Exit Expansion" Enventure Global Technology, 06/03
C111	Combined Search Report and Written Opinion to Application No. PCT/US04/00631; March 28, 2005 (Atty Docket No. 25791.31.02)
C112	Combined Search Report and Written Opinion to Application No. PCT/US04/02122 Feb 24, 2005 (Atty Docket No. 25791.225.02)
C113	Combined Search Report and Written Opinion to Application No. PCT/US04/04740 Jan 19, 2005 (Atty Docket No. 25791.185.02)
C114	Combined Search Report and Written Opinion to Application No. PCT/US04/06246 Jan. 26, 2005 (Atty Docket No. 25791.238.02)
C115	Combined Search Report and Written Opinion to Application No. PCT/US04/08030 Jan 6, 2005 (Atty Docket No. 25791.241.02)
C116	Combined Search Report and Written Opinion to Application No. PCT/US04/08073 March 4, 2005 (Atty Docket No. 25791.262.02)
C117	Combined Search Report and Written Opinion to Application No. PCT/US04/08170 Jan 13, 2005 (Atty Docket No. 25791.40.02)
C118	Combined Search Report and Written Opinion to Application No. PCT/US04/08171 Feb. 16, 2005 (Atty Docket No. 25791.236.02)
C119	Combined Search Report and Written Opinion to Application No. PCT/US04/11172 Feb. 14, 2005 (Atty Docket No. 25791.193.02)
C120	Combined Search Report and Written Opinion to Application No. PCT/US04/28438 March 14, 2005 (Atty Docket No. 25791.137.02)

Examiner Signature		Date Considered	
-----------------------	--	-----------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.